

chain nodes :
7 8 16 18 24 25
ring nodes :
1 2 3 4 5 10 11 12 13 14 15
chain bonds :
4-7 7-8 8-24
ring bonds :
1-2 1-5 2-3 3-4 4-5 10-11 10-15 11-12 12-13 13-14 14-15
exact/norm bonds :
1-2 1-5 2-3 3-4 4-5 4-7 7-8 8-24
normalized bonds :
10-11 10-15 11-12 12-13 13-14 14-15
isolated ring systems :
containing 1 :

G1:[*1],[*2],[*3]

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 7:Atom 8:CLASS10:Atom 11:Atom 12:Atom 13:Atom 14:Atom
15:Atom 16:Atom 18:Atom 24:CLASS25:CLASS26:Atom
Generic attributes :
7:
Saturation : Unsaturated

Number of Carbon Atoms : less than 7

Type of Ring System : Monocyclic

16:

Saturation : Unsaturated

Number of Carbon Atoms : less than 7

Number of Hetero Atoms : Exactly 1

Type of Ring System : Monocyclic

18:

Saturation : Unsaturated

Number of Carbon Atoms : less than 7

Number of Hetero Atoms : 2 or more

Type of Ring System : Monocyclic

Element Count :

Node 7: Limited

C,C4-5

N,N1-2

O,O0

S,S0

Node 16: Limited

C,C5

N,N1

O,O0

S,S0

Node 18: Limited

C,C3

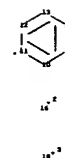
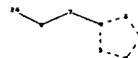
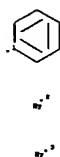
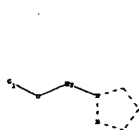
N,N2

O,O0

S,S0

=>

Uploading C:\Program Files\Stnexp\Queries\10627256.str



```

chain nodes :
7 8 16 18 24
ring nodes :
1 2 3 4 5 10 11 12 13 14 15
chain bonds :
4-7 7-8 8-24
ring bonds :
1-2 1-5 2-3 3-4 4-5 10-11 10-15 11-12 12-13 13-14 14-15
exact/norm bonds :
1-2 1-5 2-3 3-4 4-5 4-7 7-8 8-24
normalized bonds :
10-11 10-15 11-12 12-13 13-14 14-15
isolated ring systems :
containing 1 :

```

G1:[*1],[*2],[*3]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 7:Atom 8:CLASS 10:Atom 11:Atom 12:Atom
 13:Atom 14:Atom 15:Atom 16:Atom 18:Atom 24:CLASS

Generic attributes :

7:

Saturation : Unsaturated

Number of Carbon Atoms : less than 7

Type of Ring System : Monocyclic

16:

Saturation : Unsaturated

Number of Carbon Atoms : less than 7
 Number of Hetero Atoms : Exactly 1
 Type of Ring System : Monocyclic
 18:
 Saturation : Unsaturated
 Number of Carbon Atoms : less than 7
 Number of Hetero Atoms : 2 or more
 Type of Ring System : Monocyclic

Element Count :

Node 7: Limited

C,C4-5

N,N1-2

O,O0

S,S0

Node 16: Limited

C,C5

N,N1

O,O0

S,S0

Node 18: Limited

C,C3

N,N2

O,O0

S,S0

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 17:34:36 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 37609 TO ITERATE

5.3% PROCESSED 2000 ITERATIONS

2 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

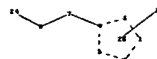
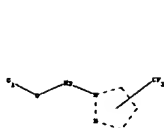
PROJECTED ITERATIONS: 740594 TO 763766

PROJECTED ANSWERS: 385 TO 1119

L2 2 SEA SSS SAM L1

=> =>

Uploading C:\Program Files\Stnexp\Queries\10627256 (a).str



chain nodes :

7 8 16 18 24 25

ring nodes :

1 2 3 4 5 10 11 12 13 14 15

chain bonds :

4-7 7-8 8-24

ring bonds :

1-2 1-5 2-3 3-4 4-5 10-11 10-15 11-12 12-13 13-14 14-15

exact/norm bonds :

1-2 1-5 2-3 3-4 4-5 4-7 7-8 8-24

normalized bonds :

10-11 10-15 11-12 12-13 13-14 14-15

isolated ring systems :

containing 1 :

G1:[*1],[*2],[*3]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 7:Atom 8:CLASS 10:Atom 11:Atom 12:Atom
13:Atom 14:Atom 15:Atom 16:Atom 18:Atom 24:CLASS 25:CLASS 26:Atom

Generic attributes :

7:

Saturation : Unsaturated

Number of Carbon Atoms : less than 7

Type of Ring System : Monocyclic

16:

Saturation : Unsaturated

Number of Carbon Atoms : less than 7
 Number of Hetero Atoms : Exactly 1
 Type of Ring System : Monocyclic
 18:
 Saturation : Unsaturated
 Number of Carbon Atoms : less than 7
 Number of Hetero Atoms : 2 or more
 Type of Ring System : Monocyclic

Element Count :

Node 7: Limited

C,C4-5
 N,N1-2
 O,O0
 S,S0

Node 16: Limited

C,C5
 N,N1
 O,O0
 S,S0

Node 18: Limited

C,C3
 N,N2
 O,O0
 S,S0

L3 STRUCTURE UPLOADED

=> d 13

L3 HAS NO ANSWERS

L3 STR

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

Structure attributes must be viewed using STN Express query preparation.

=> s 13 sss sam

SAMPLE SEARCH INITIATED 17:35:51 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 3844 TO ITERATE

52.0% PROCESSED 2000 ITERATIONS
 INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
 SEARCH TIME: 00.00.01

1 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 73162 TO 80598
 PROJECTED ANSWERS: 1 TO 121

L4 1 SEA SSS SAM L3

=> => s l3 sss ful

FULL SEARCH INITIATED 17:36:19 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 77404 TO ITERATE

100.0% PROCESSED 77404 ITERATIONS

125 ANSWERS

SEARCH TIME: 00.00.01

L5 125 SEA SSS FUL L3

=> => s l5

L6 8 L5

=> d l6 1-8 bib,ab,hitstr

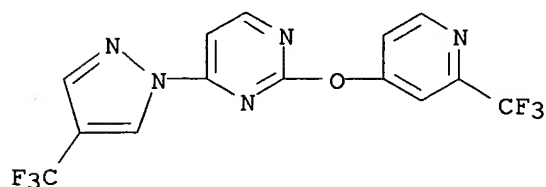
L6 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2005:1028053 CAPLUS
 DN 143:281036
 TI Preparation of 4-(4-trifluoromethylpyrazolyl)pyrimidine derivative herbicides
 IN Hoffmann, Michael Gerhard; Helmke, Hendrik; Willms, Lothar; Auler, Thomas; Kehne, Heinz; Hills, Martin; Feucht, Dieter
 PA Bayer Cropscience GmbH, Germany
 SO U.S. Pat. Appl. Publ., 22 pp.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 1

Common Inu

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005209106	A1	20050922	US 2005-77110	20050310
	DE 102004011705	A1	20050929	DE 2004-102004011705	20040310
	AU 2005223983	A1	20050929	AU 2005-223983	20050226
	CA 2559097	AA	20050929	CA 2005-2559097	20050226
	WO 2005089551	A1	20050929	WO 2005-EP2049	20050226
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRAI	DE 2004-102004011705	A	20040310		
	WO 2005-EP2049	W	20050226		
OS	CASREACT 143:281036; MARPAT 143:281036				
AB	The 4-(4-trifluoromethylpyrazolyl)pyrimidine derivs. I [Y = (un)substituted Ph, pyridinyl, pyrazolyl, thiazolyl, etc.; R1, R2 = H, halo, cyano, isocyanato, hydroxyl, carboxyl, etc.; R1R2 = CH2CH2CH2, CH2CH2CH2CH2 or OCH2CH2CH2OR3, R4 = H, halo, cyano, (halo)alkyl or (halo)alkoxy] are prepared as herbicides.				
IT	864239-63-4P 864239-65-6P 864239-66-7P 864239-67-8P 864239-68-9P 864239-70-3P 864239-72-5P 864239-73-6P 864239-75-8P 864239-76-9P 864239-78-1P 864239-79-2P 864239-80-5P 864239-81-6P 864239-82-7P 864239-83-8P 864239-84-9P 864239-86-1P 864239-87-2P 864239-88-3P 864239-89-4P 864239-90-7P 864239-91-8P 864239-92-9P 864239-93-0P 864239-94-1P 864239-95-2P 864239-97-4P 864239-98-5P 864239-99-6P 864240-06-2P 864240-07-3P 864240-08-4P 864240-09-5P 864240-10-8P 864240-11-9P 864240-12-0P 864240-13-1P 864240-14-2P 864240-15-3P 864240-16-4P 864240-17-5P 864240-19-7P 864240-20-0P 864240-21-1P 864240-22-2P 864240-23-3P RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation as herbicide)				

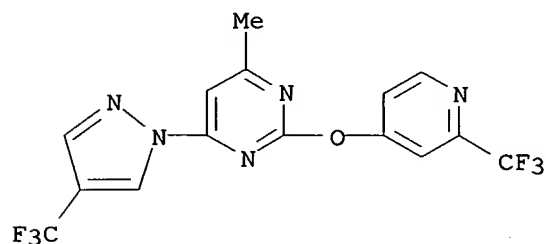
RN 864239-63-4 CAPLUS

CN Pyrimidine, 4-[4-(trifluoromethyl)-1H-pyrazol-1-yl]-2-[[2-(trifluoromethyl)-4-pyridinyl]oxy]- (9CI) (CA INDEX NAME)



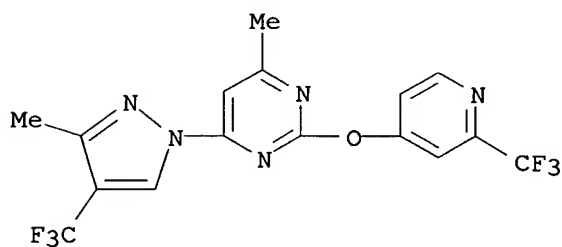
RN 864239-65-6 CAPLUS

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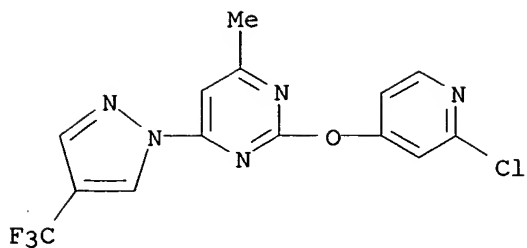
RN 864239-66-7 CAPLUS

CN Pyrimidine, 4-methyl-6-[3-methyl-4-(trifluoromethyl)-1H-pyrazol-1-yl]-2-[[2-(trifluoromethyl)-4-pyridinyl]oxy]- (9CI) (CA INDEX NAME)



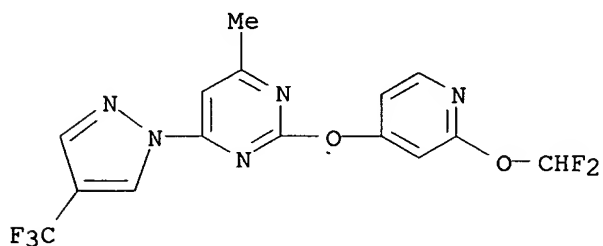
RN 864239-67-8 CAPLUS

CN Pyrimidine, 2-[(2-chloro-4-pyridinyl)oxy]-4-methyl-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



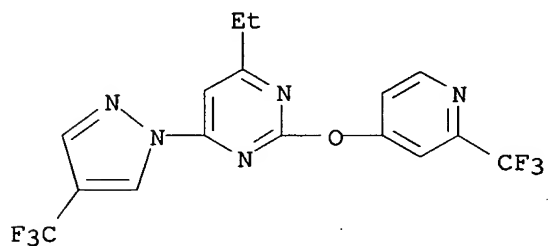
RN 864239-68-9 CAPLUS

CN Pyrimidine, 2-[[2-(difluoromethoxy)-4-pyridinyl]oxy]-4-methyl-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



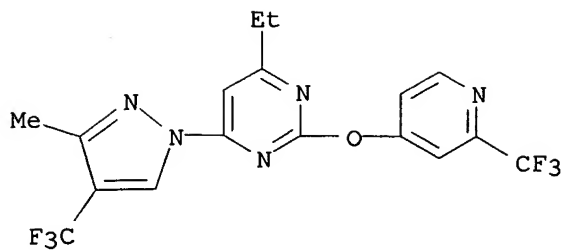
RN 864239-70-3 CAPLUS

CN Pyrimidine, 4-ethyl-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]-2-[[2-(trifluoromethyl)-4-pyridinyl]oxy]- (9CI) (CA INDEX NAME)



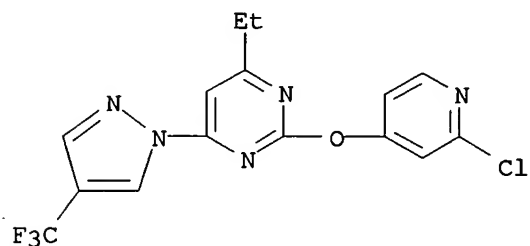
RN 864239-72-5 CAPLUS

CN Pyrimidine, 4-ethyl-6-[3-methyl-4-(trifluoromethyl)-1H-pyrazol-1-yl]-2-[[2-(trifluoromethyl)-4-pyridinyl]oxy]- (9CI) (CA INDEX NAME)



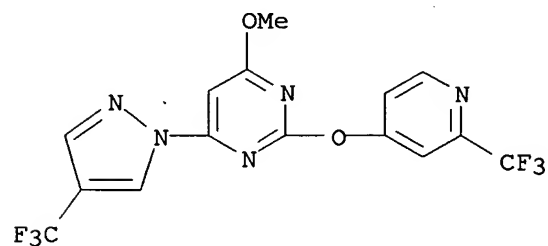
RN 864239-73-6 CAPLUS

CN Pyrimidine, 2-[(2-chloro-4-pyridinyl)oxy]-4-ethyl-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



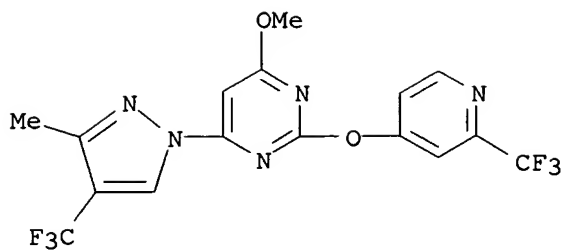
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CN Pyrimidine, 4-methoxy-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]-2-[[2-(trifluoromethyl)-4-pyridinyl]oxy]- (9CI) (CA INDEX NAME)



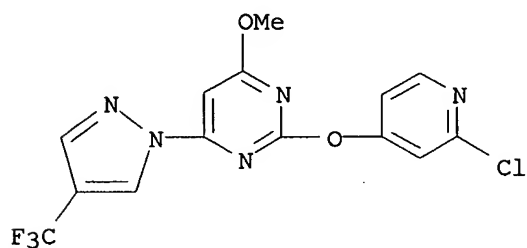
RN 864239-76-9 CAPLUS

CN Pyrimidine, 4-methoxy-6-[3-methyl-4-(trifluoromethyl)-1H-pyrazol-1-yl]-2-[[2-(trifluoromethyl)-4-pyridinyl]oxy]- (9CI) (CA INDEX NAME)



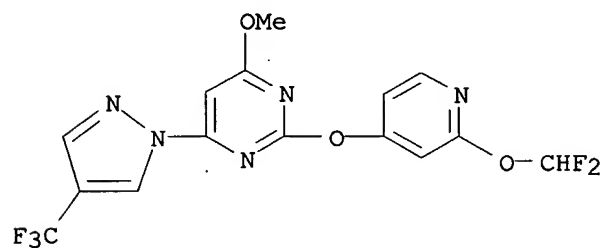
RN 864239-78-1 CAPLUS

CN Pyrimidine, 2-[(2-chloro-4-pyridinyl)oxy]-4-methoxy-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



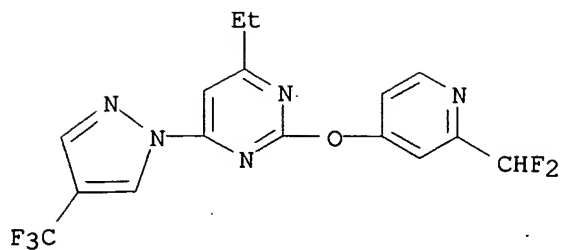
RN 864239-79-2 CAPLUS

CN Pyrimidine, 2-[[2-(difluoromethoxy)-4-pyridinyl]oxy]-4-methoxy-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



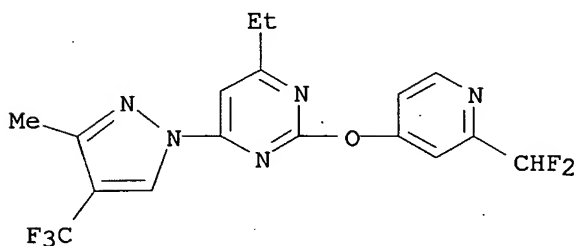
RN 864239-80-5 CAPLUS

CN Pyrimidine, 2-[[2-(difluoromethyl)-4-pyridinyl]oxy]-4-ethyl-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



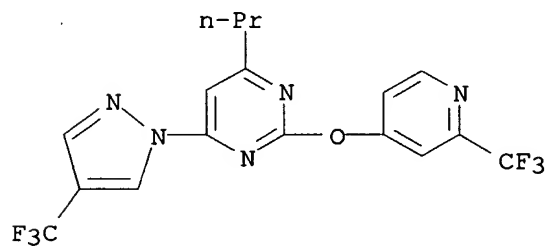
RN 864239-81-6 CAPLUS

CN Pyrimidine, 2-[[2-(difluoromethyl)-4-pyridinyl]oxy]-4-ethyl-6-[3-methyl-4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



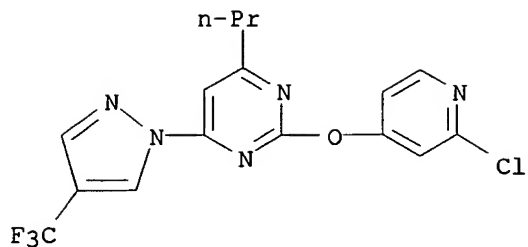
RN 864239-82-7 CAPLUS

CN Pyrimidine, 4-propyl-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]-2-[[2-(trifluoromethyl)-4-pyridinyl]oxy]- (9CI) (CA INDEX NAME)



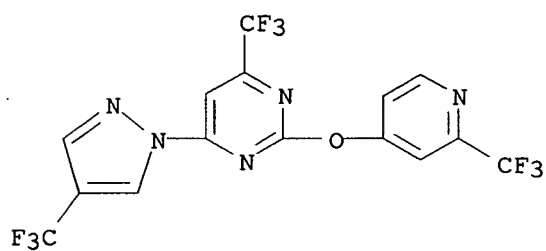
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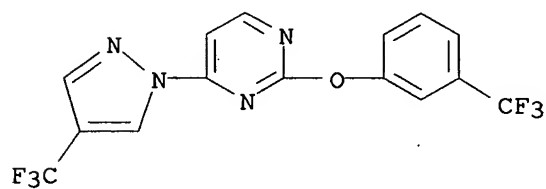
RN 864239-84-9 CAPLUS

CN Pyrimidine, 4-(trifluoromethyl)-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]-2-[[2-(trifluoromethyl)-4-pyridinyl]oxy]- (9CI) (CA INDEX NAME)



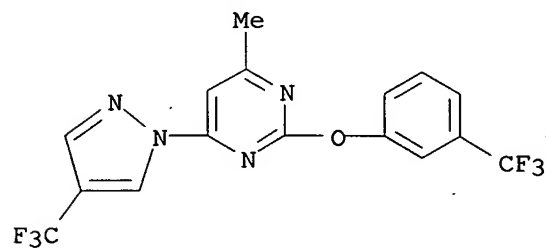
RN 864239-86-1 CAPLUS

CN Pyrimidine, 2-[3-(trifluoromethyl)phenoxy]-4-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



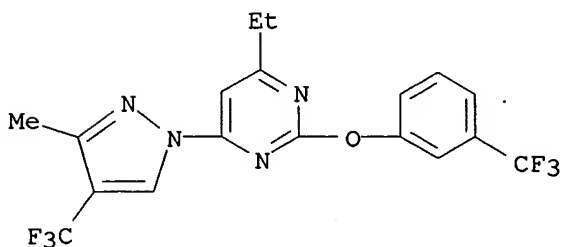
RN 864239-87-2 CAPLUS

CN Pyrimidine, 4-methyl-2-[3-(trifluoromethyl)phenoxy]-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



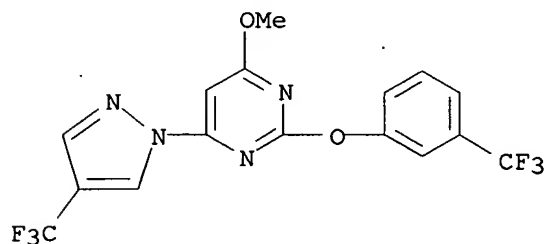
RN 864239-88-3 CAPLUS

CN Pyrimidine, 4-ethyl-6-[3-methyl-4-(trifluoromethyl)-1H-pyrazol-1-yl]-2-[3-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)



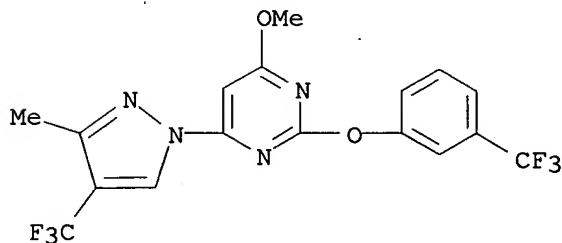
RN 864239-89-4 CAPLUS

CN Pyrimidine, 4-methoxy-2-[3-(trifluoromethyl)phenoxy]-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



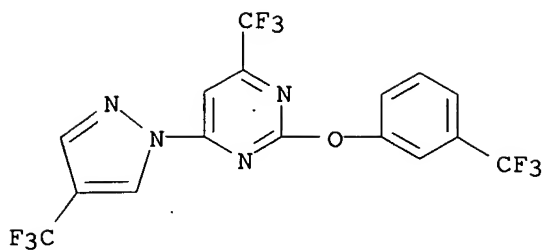
RN 864239-90-7 CAPLUS

CN Pyrimidine, 4-methoxy-6-[3-methyl-4-(trifluoromethyl)-1H-pyrazol-1-yl]-2-[3-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)



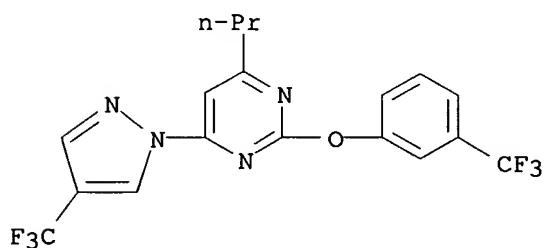
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CN Pyrimidine, 4-(trifluoromethyl)-2-[3-(trifluoromethyl)phenoxy]-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



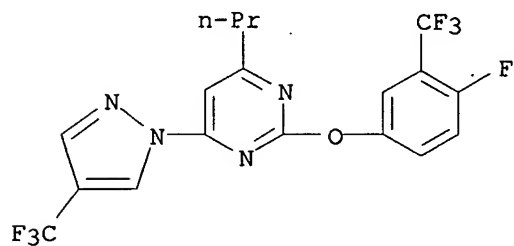
RN 864239-92-9 CAPLUS

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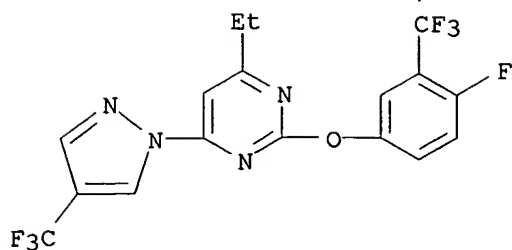
RN 864239-93-0 CAPLUS

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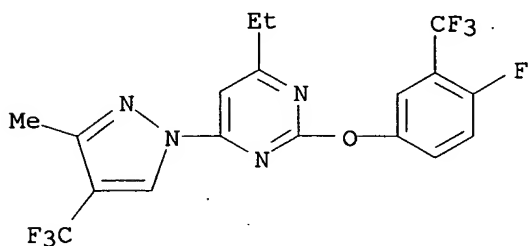
RN 864239-94-1 CAPLUS

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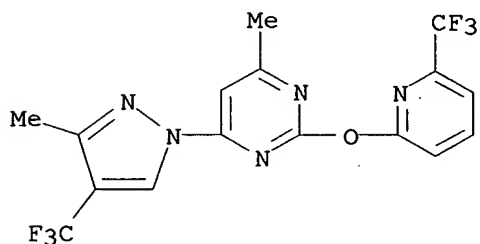
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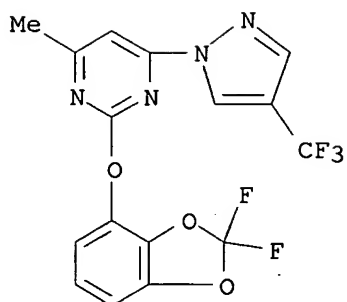
RN 864239-97-4 CAPLUS

CN Pyrimidine, 4-methyl-6-[3-methyl-4-(trifluoromethyl)-1H-pyrazol-1-yl]-2-[[6-(trifluoromethyl)-2-pyridinyl]oxy]- (9CI) (CA INDEX NAME)



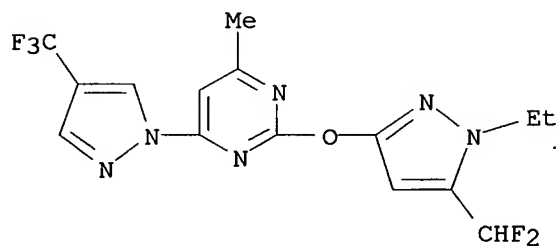
RN 864239-98-5 CAPLUS

CN Pyrimidine, 2-[(2,2-difluoro-1,3-benzodioxol-4-yl)oxy]-4-methyl-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



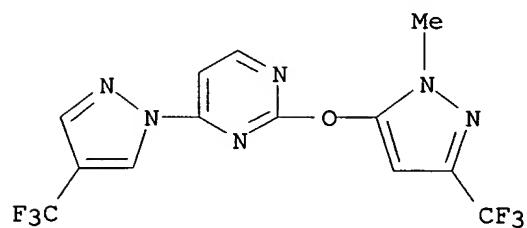
RN 864239-99-6 CAPLUS

CN Pyrimidine, 2-[[5-(difluoromethyl)-1-ethyl-1H-pyrazol-3-yl]oxy]-4-methyl-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



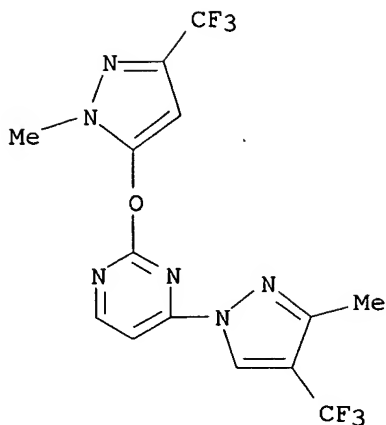
RN 864240-06-2 CAPLUS

CN Pyrimidine, 2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-4-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



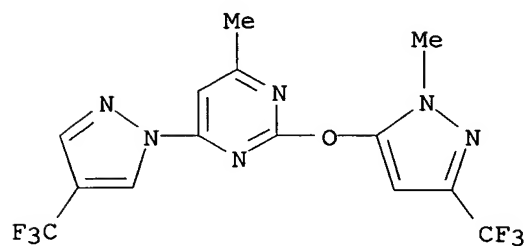
RN 864240-07-3 CAPLUS

CN Pyrimidine, 4-[3-methyl-4-(trifluoromethyl)-1H-pyrazol-1-yl]-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)



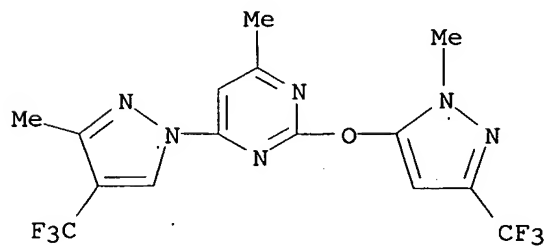
RN 864240-08-4 CAPLUS

CN Pyrimidine, 4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



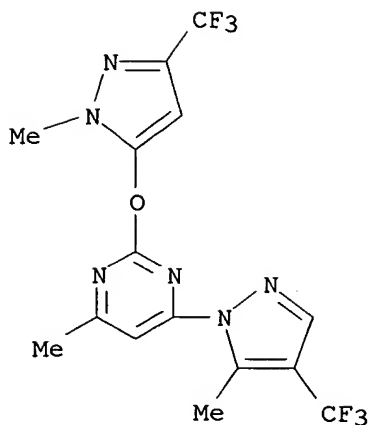
RN 864240-09-5 CAPLUS

CN Pyrimidine, 4-methyl-6-[3-methyl-4-(trifluoromethyl)-1H-pyrazol-1-yl]-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)



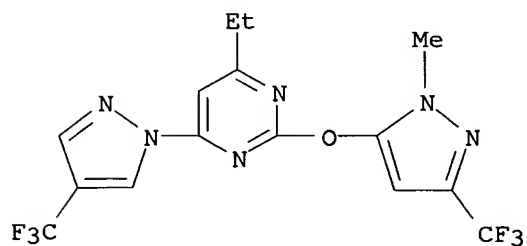
RN 864240-10-8 CAPLUS

CN Pyrimidine, 4-methyl-6-[5-methyl-4-(trifluoromethyl)-1H-pyrazol-1-yl]-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)



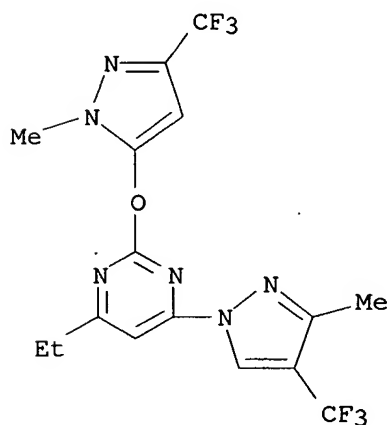
RN 864240-11-9 CAPLUS

CN Pyrimidine, 4-ethyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



RN 864240-12-0 CAPLUS

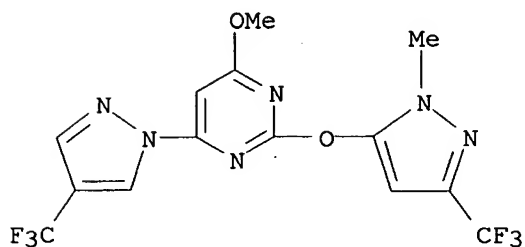
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RN 864240-13-1 CAPLUS

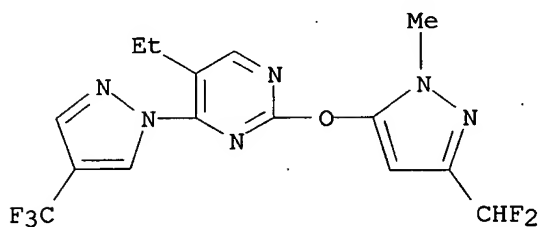
CN Pyrimidine, 4-methoxy-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

yl]oxy]-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



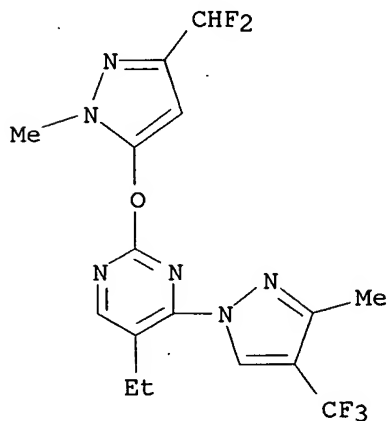
RN 864240-14-2 CAPLUS

CN Pyrimidine, 2-[[3-(difluoromethyl)-1-methyl-1H-pyrazol-5-yl]oxy]-5-ethyl-4-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



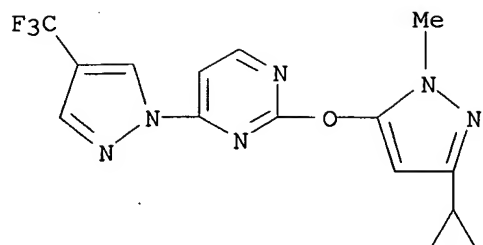
RN 864240-15-3 CAPLUS

CN Pyrimidine, 2-[[3-(difluoromethyl)-1-methyl-1H-pyrazol-5-yl]oxy]-5-ethyl-4-[3-methyl-4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



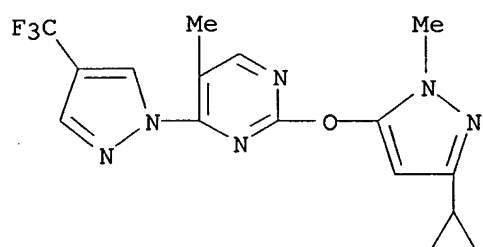
RN 864240-16-4 CAPLUS

CN Pyrimidine, 2-[(3-cyclopropyl-1-methyl-1H-pyrazol-5-yl)oxy]-4-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



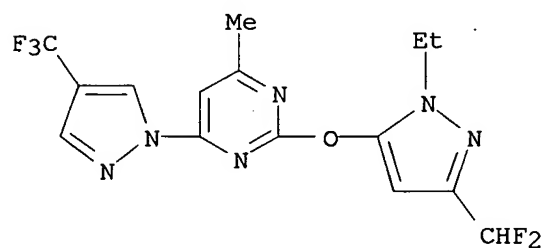
RN 864240-17-5 CAPLUS

CN Pyrimidine, 2-[(3-cyclopropyl-1-methyl-1H-pyrazol-5-yl)oxy]-5-methyl-4-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



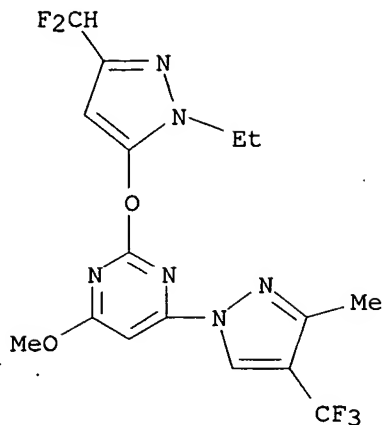
RN 864240-19-7 CAPLUS

CN Pyrimidine, 2-[[3-(difluoromethyl)-1-ethyl-1H-pyrazol-5-yl]oxy]-4-methyl-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



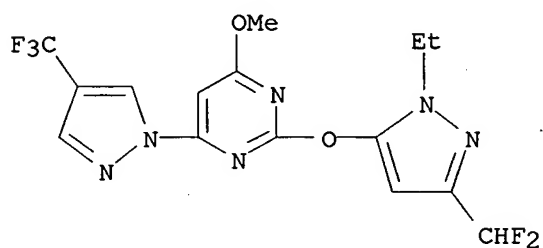
RN 864240-20-0 CAPLUS

CN Pyrimidine, 2-[[3-(difluoromethyl)-1-ethyl-1H-pyrazol-5-yl]oxy]-4-methoxy-6-[3-methyl-4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



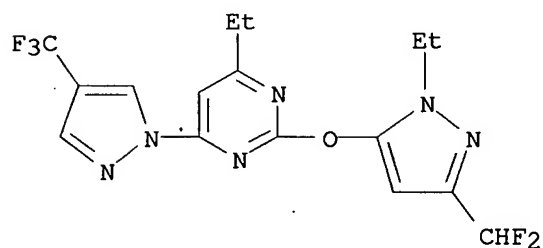
RN 864240-21-1 CAPLUS

CN Pyrimidine, 2-[[3-(difluoromethyl)-1-ethyl-1H-pyrazol-5-yl]oxy]-4-methoxy-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



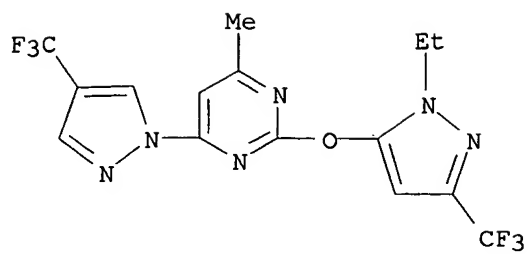
RN 864240-22-2 CAPLUS

CN Pyrimidine, 2-[[3-(difluoromethyl)-1-ethyl-1H-pyrazol-5-yl]oxy]-4-ethyl-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



RN 864240-23-3 CAPLUS

CN Pyrimidine, 2-[[1-ethyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-4-methyl-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



L6 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2004:95353 CAPLUS
 DN 140:146161
 TI Preparation of (4-trifluoromethylpyrazolyl)pyrimidines and pyridines as herbicides
 IN Hoffmann, Michael Gerhard; Helmke, Hendrik; Willms, Lothar; Auler, Thomas; Bieringer, Hermann; Menne, Hubert
 PA Bayer CropScience G.m.b.H., Germany
 SO Ger. Offen., 54 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

Appl

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 10234876	A1	20040205	DE 2002-10234876	20020725
	CA 2493749	AA	20040212	CA 2003-2493749	20030714
	WO 2004013129	A1	20040212	WO 2003-EP7574	20030714
	W: AE, AG, AL, AM, AU, AZ, BA, BB, BR, BY, BZ, CA, CN, CO, CR, CU, DM, DZ, EC, GD, GE, HR, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LV, MA, MD, MG, MK, MN, MX, NI, NO, NZ, OM, PG, PH, PL, RU, SC, SG, SY, TJ, TM, TN, TT, UA, US, UZ, VC, VN, YU, ZA				
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	AU 2003281853	A1	20040223	AU 2003-281853	20030714
	EP 1527067	A1	20050504	EP 2003-740461	20030714
	EP 1527067	B1	20061004		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	BR 2003012915	A	20050712	BR 2003-12915	20030714
	CN 1671698	A	20050921	CN 2003-817597	20030714
	JP 2006505513	T2	20060216	JP 2004-525189	20030714
	AT 341546	E	20061015	AT 2003-740461	20030714
	US 2004082475	A1	20040429	US 2003-627256	20030724
PRAI	DE 2002-10234876	A	20020725		
	WO 2003-EP7574	W	20030714		

OS MARPAT 140:146161

AB Title compds. [I; Z = N, CR8; Q = Q1-Q6; R1, R2 = H, halo, (iso)ciano, OH, CO2R10, COR10, CH2OH, CH2SH, CH2NH2, NO2, CSNH2, CONH2, (halo)alkyl, etc.; R3, R4 = H, halo, cyano, (halo)alkyl, (halo)alkoxy; R5 = halo, cyano, (halo)alkyl, (halo)alkoxy, haloalkylthio, etc.; R6 = H, cyano, (halo)alkyl, (halo)alkoxy, S(O)nR9; R7 = alkyl, R8 = H, halo, cyano, NO2, alkyl, alkoxy, OH, amino, alkylamino, etc; R9 = H, (halo)alkyl; R10 = H, alkyl; n = 0-2], were prepared Thus, a mixture of 5-methyl-4-methylsulfonyl-2-(4-trifluoromethyl-1H-pyrazol-1-yl)pyrimidine, 3-trifluoromethylphenol, and K2CO3 in DMF was stirred for 24 h at room temperature to give 72% 5-methyl-4-(3-trifluoromethylphenoxy)-2-(4-trifluoromethyl-1H-pyrazol-1-yl)pyrimidine. The latter at 20 g/ha gave 90% preemergent control of Alopecurus myosuroides, Amaranthus retroflexus, Setaria viridis, and Veronica persica.

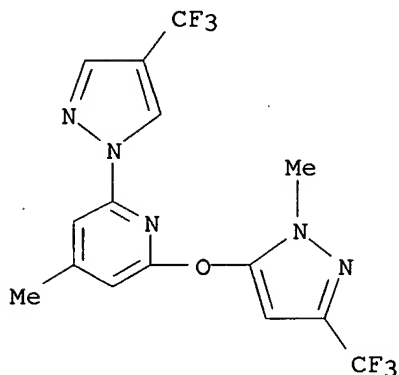
IT 340690-18-8P 653593-12-5P 653593-14-7P
 653593-15-8P 653593-17-0P 653593-18-1P
 653593-19-2P 653593-20-5P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of (trifluormethylpyrazolyl)pyrimidines and pyridines as herbicides)

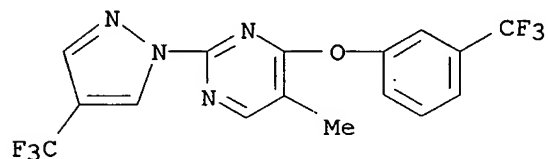
RN 340690-18-8 CAPLUS

CN Pyridine, 4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



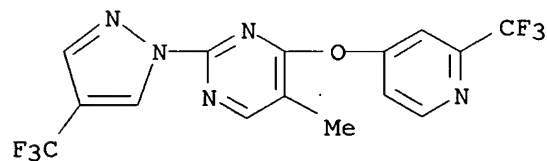
RN 653593-12-5 CAPLUS

CN Pyrimidine, 5-methyl-4-[3-(trifluoromethyl)phenoxy]-2-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



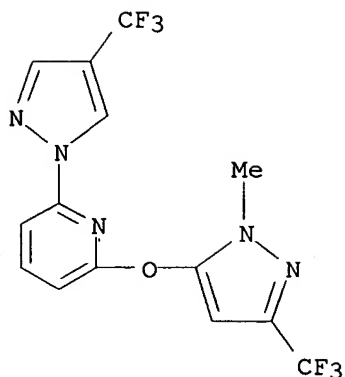
RN 653593-14-7 CAPLUS

CN Pyrimidine, 5-methyl-2-[4-(trifluoromethyl)-1H-pyrazol-1-yl]-4-[[2-(trifluoromethyl)-4-pyridinyl]oxy]- (9CI) (CA INDEX NAME)



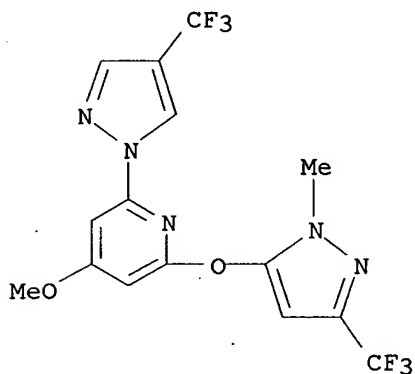
RN 653593-15-8 CAPLUS

CN Pyridine, 2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



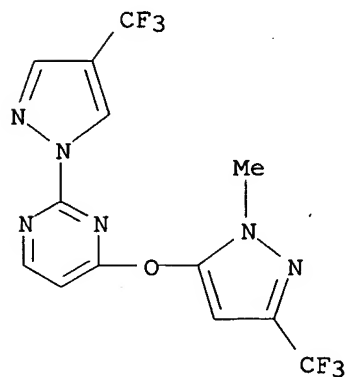
RN 653593-17-0 CAPLUS

CN Pyridine, 4-methoxy-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



RN 653593-18-1 CAPLUS

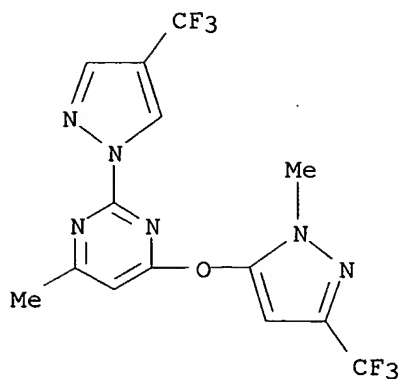
CN Pyrimidine, 4-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-2-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



RN 653593-19-2 CAPLUS

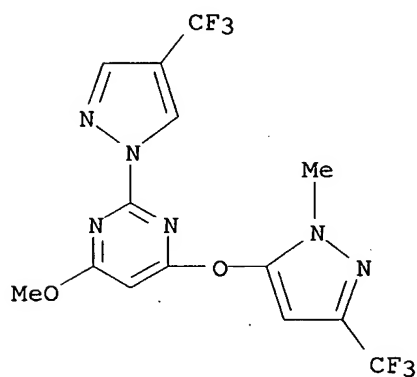
CN Pyrimidine, 4-methyl-6-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-2-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

2-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



RN 653593-20-5 CAPLUS

CN Pyrimidine, 4-methoxy-6-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-2-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



L6 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2002:688553 CAPLUS
 DN 137:181107
 TI Herbicidal 2-aryloxy-4-methyl-6-pyrazol-1-yl-pyridines
 IN Maier, Thomas; Kleemann, Axel; Scheiblich, Stefan; Baltruschat, Helmut
 Siegfried
 PA BASF Aktiengesellschaft, Germany
 SO U.S., 9 pp.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 1

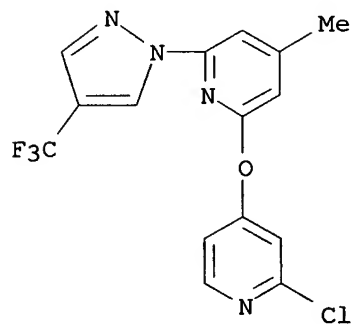
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6448204	B1	20020910	US 2000-708203	20001108
PRAI	US 1999-166004P	P	19991117		
OS	MARPAT 137:181107				

AB Compds. I (A = (un)substituted aryl, (un)substituted 5- or 6-membered nitrogen- or sulfur-containing heteroarom., or difluorobenzodioxoly), or agriculturally acceptable salts or N-oxides thereof possess herbicidal activity and are used in herbicidal compns. together with an agronomically acceptable carrier.

IT 340690-15-5 340690-16-6 340690-18-8
 340690-19-9 340690-20-2
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)
 (herbicide)

RN 340690-15-5 CAPLUS

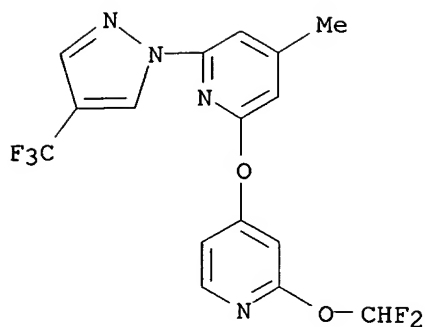
CN Pyridine, 2-[(2-chloro-4-pyridinyl)oxy]-4-methyl-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



RN 340690-16-6 CAPLUS

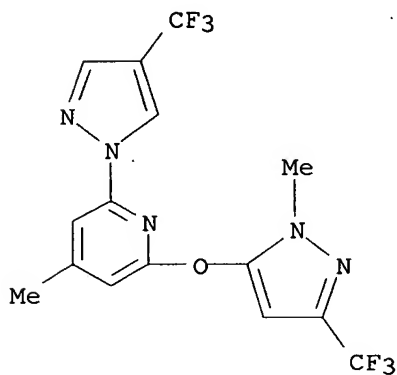
CN Pyridine, 2-[[2-(difluoromethoxy)-4-pyridinyl]oxy]-4-methyl-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

*Same
as
#6.*



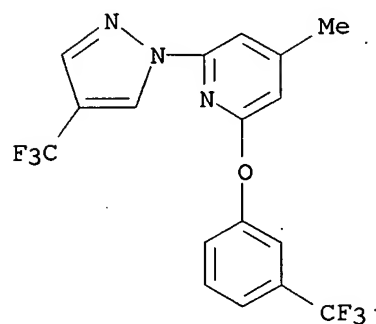
RN 340690-18-8 CAPLUS

CN Pyridine, 4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



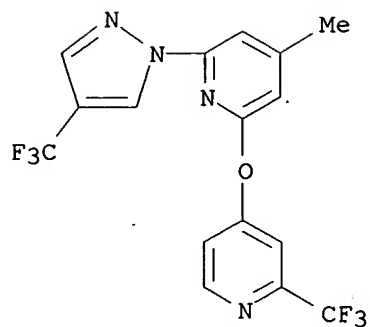
RN 340690-19-9 CAPLUS

CN Pyridine, 4-methyl-2-[3-(trifluoromethyl)phenoxy]-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



RN 340690-20-2 CAPLUS

CN Pyridine, 4-methyl-2-[4-(trifluoromethyl)-1H-pyrazol-1-yl]-6-[[2-(trifluoromethyl)-4-pyridinyl]oxy]- (9CI) (CA INDEX NAME)

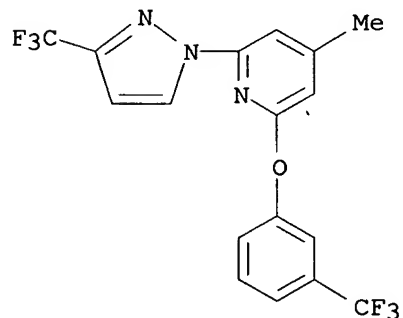


IT 340690-11-1P, 4-Methyl-2-(-3-trifluoromethyl-1H-pyrazol-1-yl)-6-(3-trifluoromethyl-phenoxy)-pyridine 340690-14-4P,
4-Methyl-2-(-3-trifluoromethyl-1H-pyrazol-1-yl)-6-(1-methyl-3-trifluoromethyl-pyrazol-5-yloxy)-pyridine
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation as herbicide)

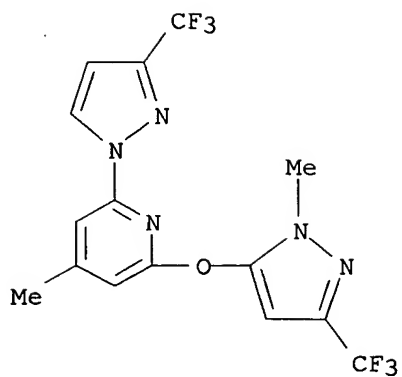
RN 340690-11-1 CAPLUS

CN Pyridine, 4-methyl-2-[3-(trifluoromethyl)phenoxy]-6-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



RN 340690-14-4 CAPLUS

CN Pyridine, 4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-6-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2001:915244 CAPLUS

DN 136:200158

TI N-azolyl phenoxy pyrimidine herbicides: novel inhibitors of carotenoid biosynthesis Part I

AU Selby, Thomas P.; Drumm, Joseph E.; Coats, Reed A.; Coppo, Frank T.; Gee, Stephen K.; Hay, James V.; Pasteris, Robert J.; Stevenson, Thomas M.

CS Stine-Haskell Research Center, DuPont Crop Protection, Newark, DE, 19714, USA

SO ACS Symposium Series (2002), 800 (Synthesis and Chemistry of Agrochemicals VI), 74-84

CODEN: ACSMC8; ISSN: 0097-6156

PB American Chemical Society

DT Journal

LA English

OS CASREACT 136:200158

AB Substituted 2-azolyl-4-phenoxy pyrimidines represent a new family of highly active herbicides that act by inhibiting carotenoid biosynthesis. Azole substituents on the pyrimidine ring are nitrogen-linked and include pyrazole, imidazole, and triazole. These compds. are active preemergence and postemergence but tend to be more active preemergence. Selectivity was observed on wheat, corn, and soybeans. There was particular interest in these compds. as cereal herbicides for preemergent and early-postemergent weed control. High field efficacy was observed, particularly on broadleaf weeds. Pyrazolylpyrimidine I showed optimum activity in cereal field trials and gave excellent broadleaf weed control at rates as low as 5-10 g/ha, with good wheat safety. This paper will focus on chemical synthesis, biol., structure-activity relationships, mode-of-action, and field activity for compds. of this herbicide class.

IT 213333-73-4 213333-76-7 213333-78-9

213333-86-9 213333-97-2 213333-98-3

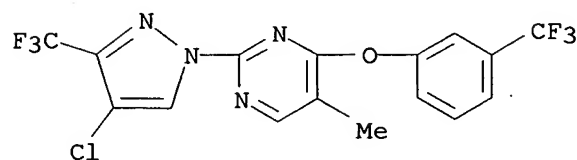
213334-00-0 401517-71-3 401517-72-4

401517-73-5 401517-75-7

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(preparation and structure-activity relationships of herbicidal
(azolyl)phenoxy pyrimidines)

RN 213333-73-4 CAPLUS

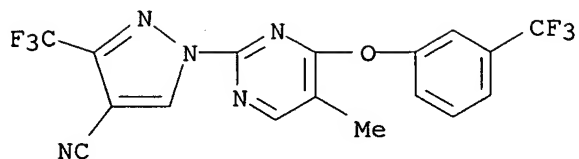
CN Pyrimidine, 2-[4-chloro-3-(trifluoromethyl)-1H-pyrazol-1-yl]-5-methyl-4-[3-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)



RN 213333-76-7 CAPLUS

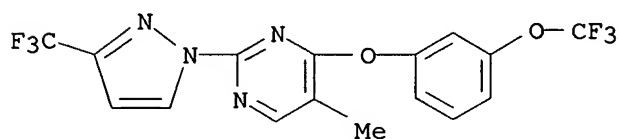
CN 1H-Pyrazole-4-carbonitrile, 1-[5-methyl-4-[3-(trifluoromethyl)phenoxy]-2-pyrimidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

Same as #7



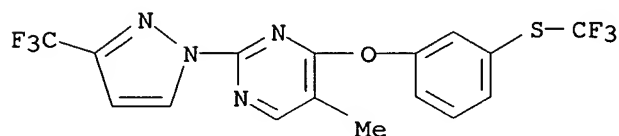
RN 213333-78-9 CAPLUS

CN Pyrimidine, 5-methyl-4-[3-(trifluoromethoxy)phenoxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



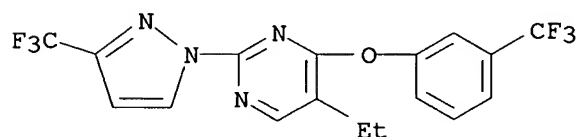
RN 213333-86-9 CAPLUS

CN Pyrimidine, 5-methyl-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]-4-[3-[(trifluoromethyl)thio]phenoxy]- (9CI) (CA INDEX NAME)



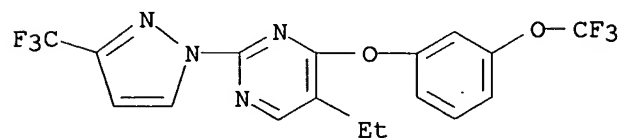
RN 213333-97-2 CAPLUS

CN Pyrimidine, 5-ethyl-4-[3-(trifluoromethyl)phenoxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



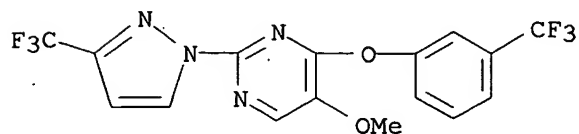
RN 213333-98-3 CAPLUS

CN Pyrimidine, 5-ethyl-4-[3-(trifluoromethoxy)phenoxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



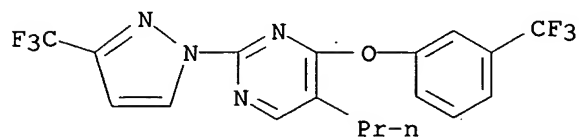
RN 213334-00-0 CAPLUS

CN Pyrimidine, 5-methoxy-4-[3-(trifluoromethyl)phenoxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



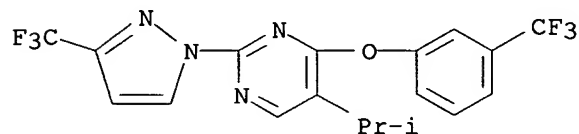
RN 401517-71-3 CAPLUS

CN Pyrimidine, 5-propyl-4-[3-(trifluoromethyl)phenoxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



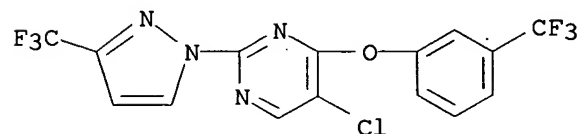
RN 401517-72-4 CAPLUS

CN Pyrimidine, 5-(1-methylethyl)-4-[3-(trifluoromethyl)phenoxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



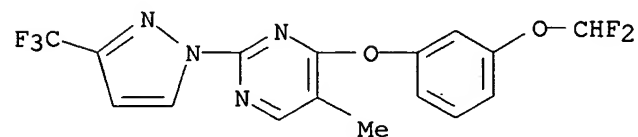
RN 401517-73-5 CAPLUS

CN Pyrimidine, 5-chloro-4-[3-(trifluoromethyl)phenoxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

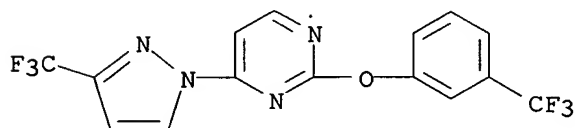


RN 401517-75-7 CAPLUS

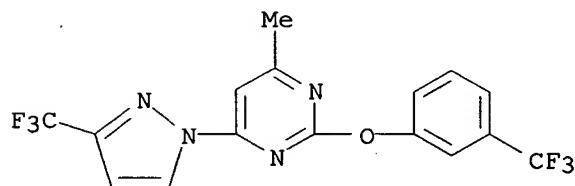
CN Pyrimidine, 4-[3-(difluoromethoxy)phenoxy]-5-methyl-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



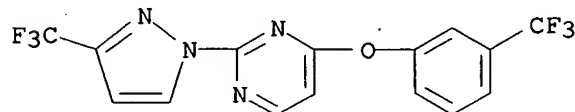
IT 213320-81-1P 213320-82-2P 213333-63-2P
 213333-70-1P 213333-71-2P 213333-74-5P
 213334-05-5P 213334-10-2P 213334-17-9P
 401517-11-1P 401517-12-2P 401517-64-4P
 401517-65-5P 401517-66-6P 401517-67-7P
 401517-68-8P 401517-69-9P
 RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation and structure-activity relationships of herbicidal (azolyl)phenoxy pyrimidines)
 RN 213320-81-1 CAPLUS
 CN Pyrimidine, 2-[3-(trifluoromethyl)phenoxy]-4-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



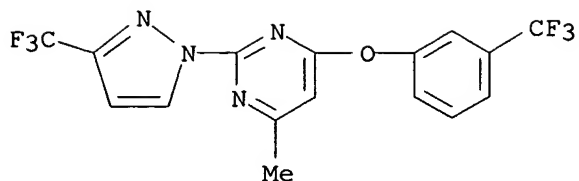
RN 213320-82-2 CAPLUS
 CN Pyrimidine, 4-methyl-2-[3-(trifluoromethyl)phenoxy]-6-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



RN 213333-63-2 CAPLUS
 CN Pyrimidine, 4-[3-(trifluoromethyl)phenoxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

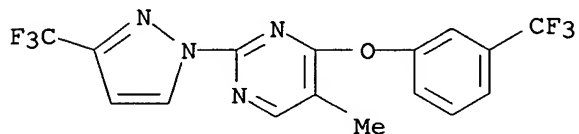


RN 213333-70-1 CAPLUS
 CN Pyrimidine, 4-methyl-6-[3-(trifluoromethyl)phenoxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



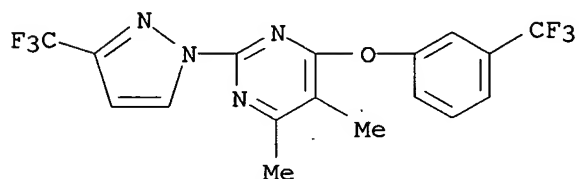
RN 213333-71-2 CAPLUS

CN Pyrimidine, 5-methyl-4-[3-(trifluoromethyl)phenoxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



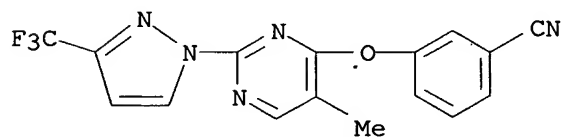
RN 213333-74-5 CAPLUS

CN Pyrimidine, 4,5-dimethyl-6-[3-(trifluoromethyl)phenoxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



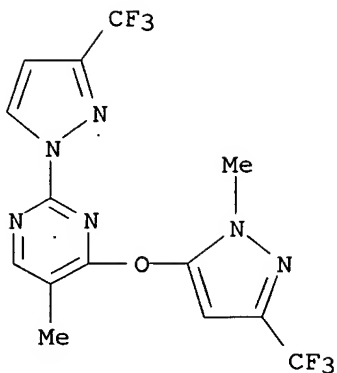
RN 213334-05-5 CAPLUS

CN Benzonitrile, 3-[[5-methyl-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]-4-pyrimidinyl]oxy]- (9CI) (CA INDEX NAME)



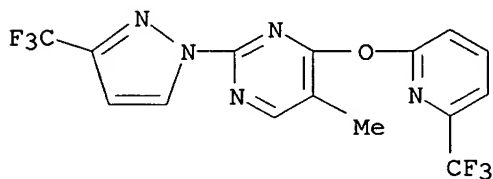
RN 213334-10-2 CAPLUS

CN Pyrimidine, 5-methyl-4-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



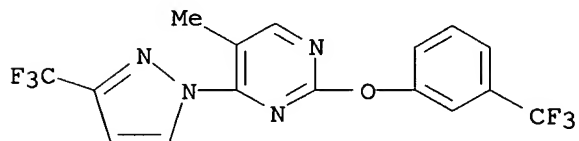
RN 213334-17-9 CAPLUS

CN Pyrimidine, 5-methyl-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]-4-[[6-(trifluoromethyl)-2-pyridinyl]oxy]- (9CI) (CA INDEX NAME)



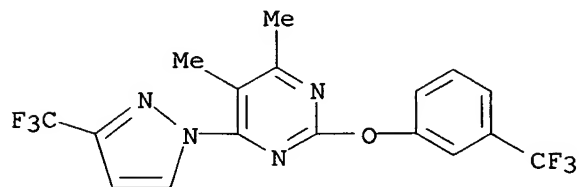
RN 401517-11-1 CAPLUS

CN Pyrimidine, 5-methyl-2-[3-(trifluoromethyl)phenoxy]-4-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



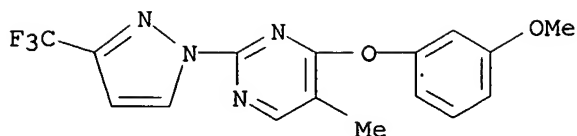
RN 401517-12-2 CAPLUS

CN Pyrimidine, 4,5-dimethyl-2-[3-(trifluoromethyl)phenoxy]-6-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



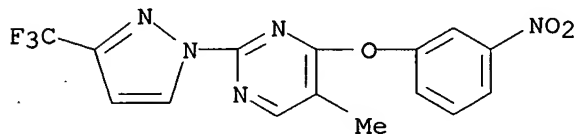
RN 401517-64-4 CAPLUS

CN Pyrimidine, 4-(3-methoxyphenoxy)-5-methyl-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



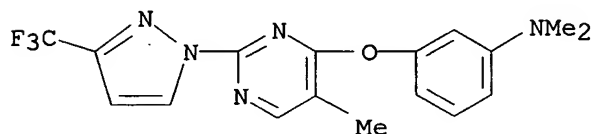
RN 401517-65-5 CAPLUS

CN Pyrimidine, 5-methyl-4-(3-nitrophenoxy)-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



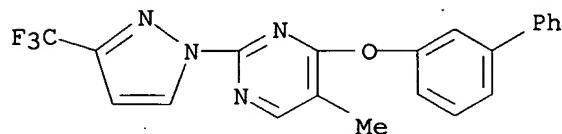
RN 401517-66-6 CAPLUS

CN Benzenamine, N,N-dimethyl-3-[[5-methyl-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]-4-pyrimidinyl]oxy]- (9CI) (CA INDEX NAME)



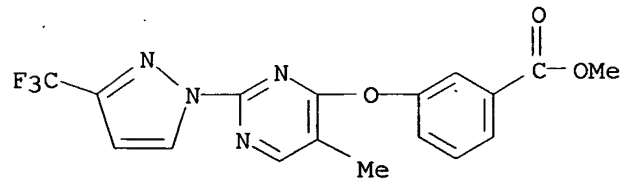
RN 401517-67-7 CAPLUS

CN Pyrimidine, 4-([1,1'-biphenyl]-3-yloxy)-5-methyl-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



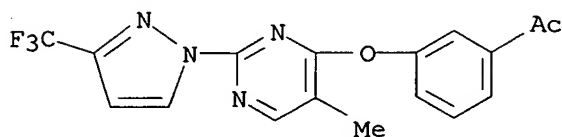
RN 401517-68-8 CAPLUS

CN Benzoic acid, 3-[[5-methyl-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]-4-pyrimidinyl]oxy]-, methyl ester (9CI) (CA INDEX NAME)



RN 401517-69-9 CAPLUS

CN Ethanone, 1-[3-[[5-methyl-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]-4-pyrimidinyl]oxy]phenyl]- (9CI) (CA INDEX NAME)



IT 213333-63-2DP, derivs. 401517-37-1DP, derivs.

401517-38-2DP, derivs. 401517-39-3DP, derivs.

401517-40-6DP, derivs. 401517-41-7DP, derivs.

401517-42-8DP, derivs. 401517-43-9DP, derivs.

401517-44-0DP, derivs. 401517-45-1DP, derivs.

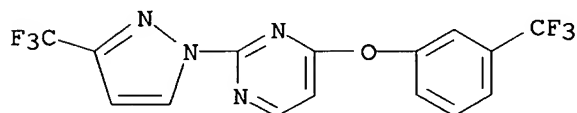
401517-46-2DP, derivs. 401517-47-3DP, derivs.

RL: ARG (Analytical reagent use); SPN (Synthetic preparation); ANST (Analytical study); PREP (Preparation); USES (Uses)

(preparation and structure-activity relationships of herbicidal (azolyl)phenoxy pyrimidines)

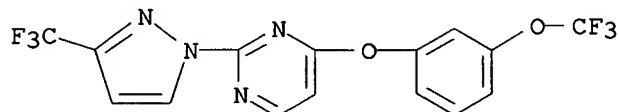
RN 213333-63-2 CAPLUS

CN Pyrimidine, 4-[3-(trifluoromethyl)phenoxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



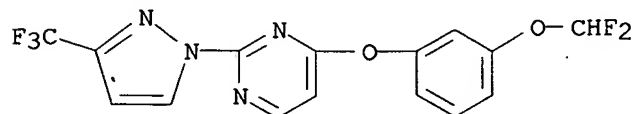
RN 401517-37-1 CAPLUS

CN Pyrimidine, 4-[3-(trifluoromethoxy)phenoxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



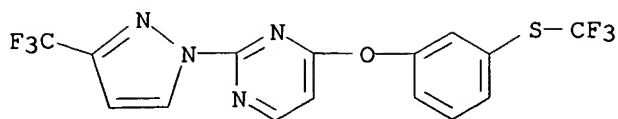
RN 401517-38-2 CAPLUS

CN Pyrimidine, 4-[3-(difluoromethoxy)phenoxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



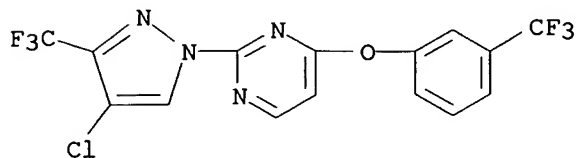
RN 401517-39-3 CAPLUS

CN Pyrimidine, 2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]-4-[3-[(trifluoromethyl)thio]phenoxy]- (9CI) (CA INDEX NAME)



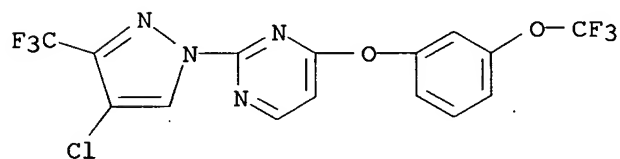
RN 401517-40-6 CAPLUS

CN Pyrimidine, 2-[4-chloro-3-(trifluoromethyl)-1H-pyrazol-1-yl]-4-[3-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)



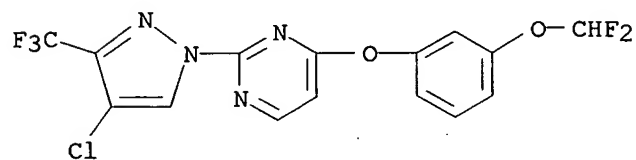
RN 401517-41-7 CAPLUS

CN Pyrimidine, 2-[4-chloro-3-(trifluoromethyl)-1H-pyrazol-1-yl]-4-[3-(trifluoromethoxy)phenoxy]- (9CI) (CA INDEX NAME)



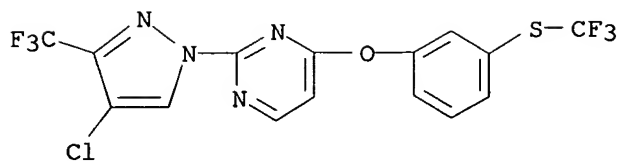
RN 401517-42-8 CAPLUS

CN Pyrimidine, 2-[4-chloro-3-(trifluoromethyl)-1H-pyrazol-1-yl]-4-[3-(difluoromethoxy)phenoxy]- (9CI) (CA INDEX NAME)



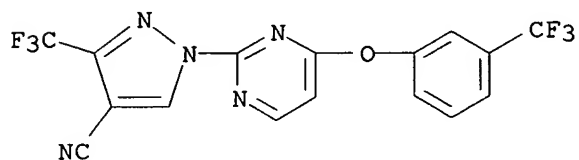
RN 401517-43-9 CAPLUS

CN Pyrimidine, 2-[4-chloro-3-(trifluoromethyl)-1H-pyrazol-1-yl]-4-[3-[(trifluoromethyl)thio]phenoxy]- (9CI) (CA INDEX NAME)



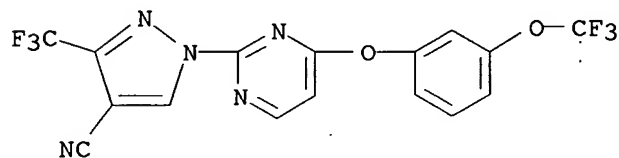
RN 401517-44-0 CAPLUS

CN 1H-Pyrazole-4-carbonitrile, 3-(trifluoromethyl)-1-[4-[3-(trifluoromethyl)phenoxy]-2-pyrimidinyl]- (9CI) (CA INDEX NAME)



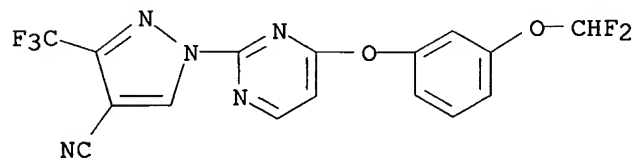
RN 401517-45-1 CAPLUS

CN 1H-Pyrazole-4-carbonitrile, 1-[4-[3-(trifluoromethoxy)phenoxy]-2-pyrimidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



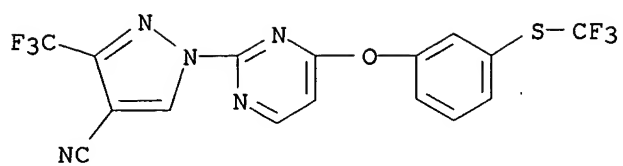
RN 401517-46-2 CAPLUS

CN 1H-Pyrazole-4-carbonitrile, 1-[4-[3-(difluoromethoxy)phenoxy]-2-pyrimidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 401517-47-3 CAPLUS

CN 1H-Pyrazole-4-carbonitrile, 3-(trifluoromethyl)-1-[4-[3-((trifluoromethyl)thio)phenoxy]-2-pyrimidinyl]- (9CI) (CA INDEX NAME)



RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2001:774423 CAPLUS
 DN 135:318867
 TI Mercaptoalkylamide-functionalized resins
 IN Coppo, Frank Teen
 PA E. I. Du Pont de Nemours & Co., USA
 SO U.S., 8 pp.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 1

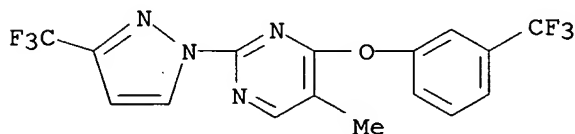
Same as #7

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6306977	B1	20011023	US 1999-255902	19990223
PRAI	US 1998-76529P	P	19980302		

AB Disclosed are polymers comprising mercaptoalkylamide-functionalized styrene units I wherein R is H or C1-3 alkyl; and Q is CH₂, CH(NHCOMe), a process for their preparation, and their use as supports for solid phase synthesis of small mols. and as supported nucleophiles to aid solution phase synthesis.

IT 213333-71-2P
 RL: IMF (Industrial manufacture); PREP (Preparation)
 (mercaptoalkylamide-functionalized resins)

RN 213333-71-2 CAPLUS
 CN Pyrimidine, 5-methyl-4-[3-(trifluoromethyl)phenoxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2001:376803 CAPLUS

DN 134:366871

TI Preparation of herbicidal 2-aryloxy-4-methyl-6-pyrazol-1-yl-pyridines

IN Maier, Thomas; Kleemann, Axel; Scheiblich, Stefan; Siegfried, Helmut

PA Basf Aktiengesellschaft, Germany

SO Eur. Pat. Appl., 16 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1101764	A1	20010523	EP 2000-125058	20001117
	EP 1101764	B1	20031022		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	CA 2326020	AA	20010517	CA 2000-2326020	20001116
	AT 252573	E	20031115	AT 2000-125058	20001117
PRAI	US 1999-441871	A	19991117		
OS	MARPAT 134:366871				

AB Title compds. (I) [wherein A = (un)substituted aryl, 5- or 6-membered N- or S-containing heteroarom., or difluorobenzodioxolyl] and compns. containing I were prepared and tested as herbicides. Thus, a mixture of 2,6-bis(1-methyl-3-trifluoromethylpyrazol-5-yloxy)-4-methylpyridine, 3-trifluoromethyl-1H-pyrazole, NaH, and sulfolan was heated at 80°C for 3 h to give I [A = 1-methyl-3-trifluoromethyl-1H-pyrazol-5-yl] (II). In pre-emergence herbicidal evaluations at 0.1 kg/ha, II controlled velvetweed, ragweed, sicklepod, deadnettle, mayweed, chickweed, blackgrass, crabgrass, barnyard grass, ryegrass, and foxtail with only slight effect on corn. In post-emergence tests at 0.1 kg/ha, II controlled twelve of thirteen weed species, while a comparison herbicide was active on only four species.

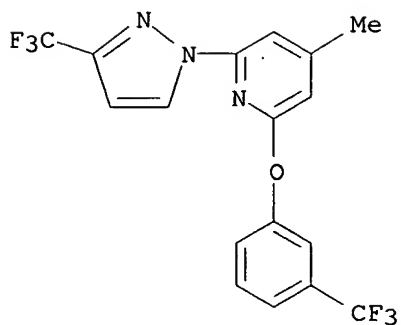
IT 340690-11-1P, 4-Methyl-2-(-3-trifluoromethyl-1H-pyrazol-1-yl)-6-(3-trifluoromethylphenoxy)pyridine 340690-14-4P, 4-Methyl-2-(-3-trifluoromethyl-1H-pyrazol-1-yl)-6-(1-methyl-3-trifluoromethylpyrazol-5-yloxy)pyridine 340690-15-5P, 2-(2-Chloropyrid-4-yloxy)-6-(4-trifluoromethylpyrazol-1-yl)-4-methylpyridine 340690-16-6P, 2-(2-Difluoromethoxy)pyrid-4-yloxy)-6-(4-trifluoromethylpyrazol-1-yl)-4-methylpyridine 340690-18-8P, 2-(1-Methyl-3-trifluoromethylpyrazol-5-yloxy)-6-(4-trifluoromethylpyrazol-1-yl)-4-methylpyridine 340690-19-9P, 2-(3-Trifluoromethylphenoxy)-6-(4-trifluoromethylpyrazol-1-yl)-4-methylpyridine 340690-20-2P, 2-(2-Trifluoromethylpyrid-4-yloxy)-6-(4-trifluoromethylpyrazol-1-yl)-4-methylpyridine

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

(preparation of herbicidal 2-aryloxy-4-methyl-6-pyrazol-1-yl-pyridines)

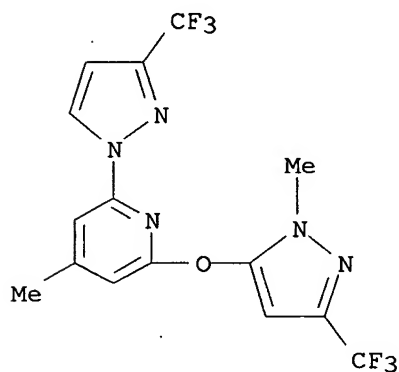
RN 340690-11-1 CAPLUS

CN Pyridine, 4-methyl-2-[3-(trifluoromethyl)phenoxy]-6-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



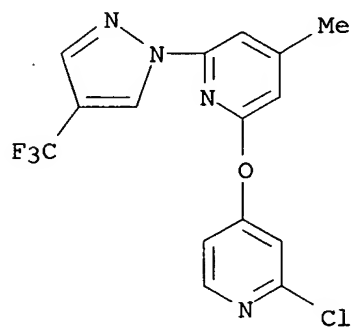
RN 340690-14-4 CAPLUS

CN Pyridine, 4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-6-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



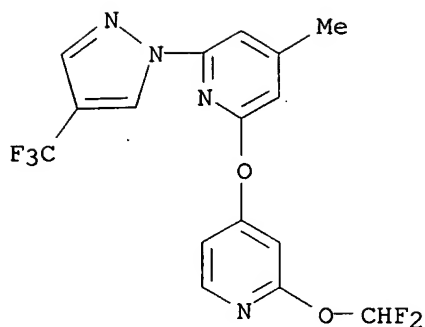
RN 340690-15-5 CAPLUS

CN Pyridine, 2-[(2-chloro-4-pyridinyl)oxy]-4-methyl-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



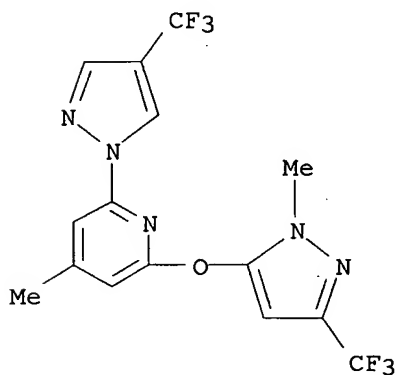
RN 340690-16-6 CAPLUS

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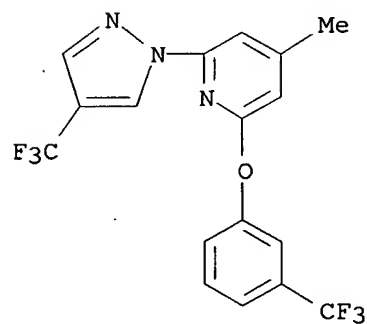
RN 340690-18-8 CAPLUS

CN Pyridine, 4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



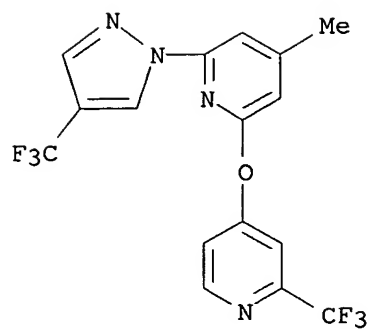
RN 340690-19-9 CAPLUS

CN Pyridine, 4-methyl-2-[3-(trifluoromethyl)phenoxy]-6-[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



RN 340690-20-2 CAPLUS

CN Pyridine, 4-methyl-2-[4-(trifluoromethyl)-1H-pyrazol-1-yl]-6-[[2-(trifluoromethyl)-4-pyridinyl]oxy]- (9CI) (CA INDEX NAME)



RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 1998:621213 CAPLUS
 DN 129:245165
 TI Preparation of heteroaryl azole herbicides
 IN Selby, Thomas P.
 PA E. I. Du Pont de Nemours & Co., USA
 SO PCT Int. Appl., 107 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9840379	A1	19980917	WO 1998-US4600	19980309
	W: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GE, GW, HU, ID, IL, IS, JP, KG, KP, KR, KZ, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL, TJ, TM, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	CA 2280515	AA	19980917	CA 1998-2280515	19980309
	AU 9868638	A1	19980929	AU 1998-68638	19980309
	AU 725548	B2	20001012		
	EP 970072	A1	20000112	EP 1998-914235	19980309
	R: DE, FR, GB, IT				
	BR 9815453	A	20011023	BR 1998-15453	19980309
	US 6172005	B1	20010109	US 1999-380425	19990901
PRAI	US 1997-39544P	P	19970311		
	WO 1998-US4600	W	19980309		

OS MARPAT 129:245165

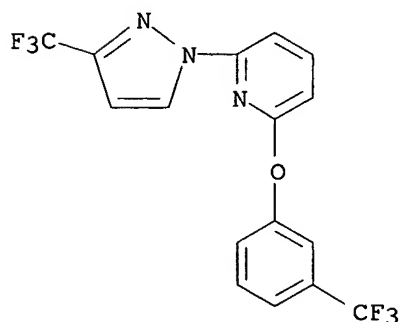
AB The title compds. [I; J = (un)substituted Ph, pyridyl, pyrazolyl, etc.; W = N, CR9; X, Y, Z = N, CH, CR9 (provided that only one of X, Y and Z = CR9); Q = O, S(O)n, NR10; R1, R2 = H, halo, CN, etc.; R3 = H, halo, Cl-4 alkoxy, etc.; R9 = halo, CN, Cl-4 alkoxy, etc.; R10 = H, Cl-4 alkyl, Cl-4 haloalkyl; n = 0-2], useful for controlling undesired vegetation, were prepared. Thus, reaction of 2,6-dibromopyridine with 3-trifluoromethyl-1H-pyrazole in the presence of K2CO3 in DMF followed by reacting the resulting 2-bromo-6-(3-trifluoromethyl-1H-pyrazol-1-yl)pyridine with 3-trifluoromethylphenol in the presence of K2CO3 in DMF afforded I [W = CH; Q = O; J = 3-(F3C)C6H4; R1 = R2 = H; R3 = CF3; X = N; Y = Z = CH] which showed 100% control against blackgrass and crabgrass at 2000 g/ha in preemergence test.

IT 213333-52-9P 213333-63-2P 213333-67-6P
 213333-70-1P 213333-71-2P 213333-73-4P
 213333-74-5P 213333-76-7P 213333-78-9P
 213333-81-4P 213333-82-5P 213333-86-9P
 213333-88-1P 213333-89-2P 213333-97-2P
 213333-98-3P 213333-99-4P 213334-00-0P
 213334-01-1P 213334-02-2P 213334-03-3P
 213334-04-4P 213334-05-5P 213334-06-6P
 213334-07-7P 213334-10-2P 213334-12-4P
 213334-13-5P 213334-14-6P 213334-15-7P
 213334-17-9P 213334-18-0P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of heteroaryl azole herbicides)

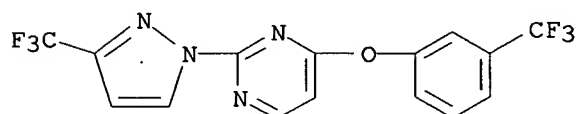
RN 213333-52-9 CAPLUS

CN Pyridine, 2-[3-(trifluoromethyl)phenoxy]-6-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



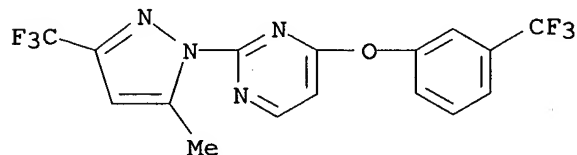
RN 213333-63-2 CAPLUS

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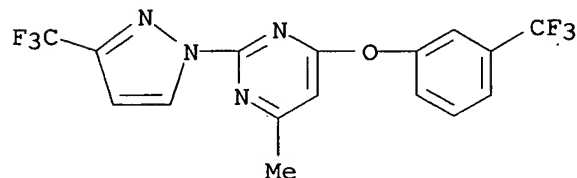
RN 213333-67-6 CAPLUS

CN Pyrimidine, 2-[5-methyl-3-(trifluoromethyl)-1H-pyrazol-1-yl]-4-[3-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)



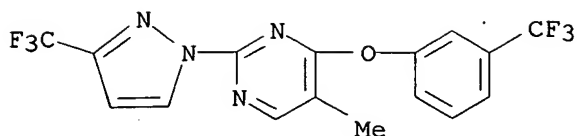
RN 213333-70-1 CAPLUS

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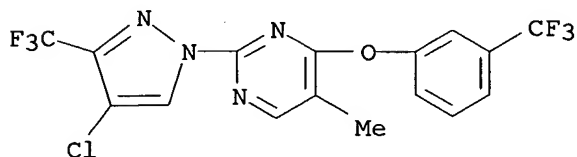
RN 213333-71-2 CAPLUS

CN Pyrimidine, 5-methyl-4-[3-(trifluoromethyl)phenoxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



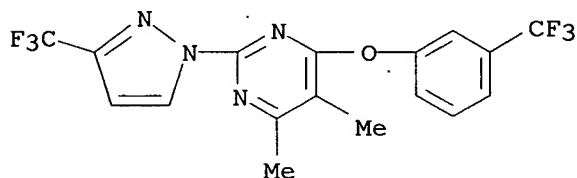
RN 213333-73-4 CAPLUS

CN Pyrimidine, 2-[4-chloro-3-(trifluoromethyl)-1H-pyrazol-1-yl]-5-methyl-4-[3-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)



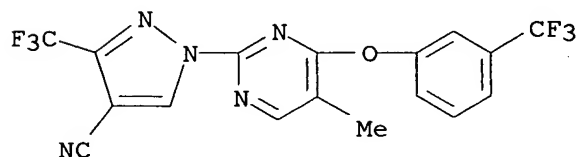
RN 213333-74-5 CAPLUS

CN Pyrimidine, 4,5-dimethyl-6-[3-(trifluoromethyl)phenoxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



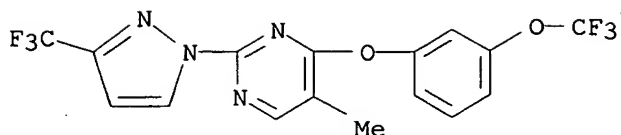
RN 213333-76-7 CAPLUS

CN 1H-Pyrazole-4-carbonitrile, 1-[5-methyl-4-[3-(trifluoromethyl)phenoxy]-2-pyrimidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



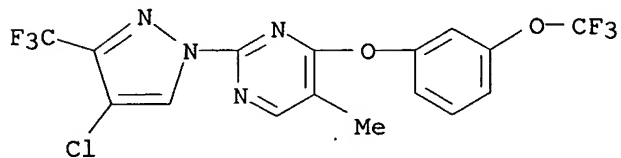
RN 213333-78-9 CAPLUS

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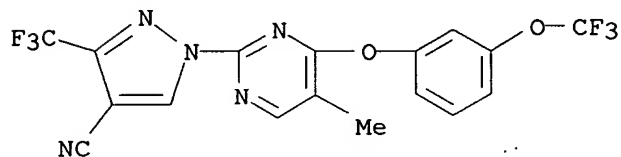
RN 213333-81-4 CAPLUS

CN Pyrimidine, 2-[4-chloro-3-(trifluoromethyl)-1H-pyrazol-1-yl]-5-methyl-4-[3-(trifluoromethoxy)phenoxy]- (9CI) (CA INDEX NAME)



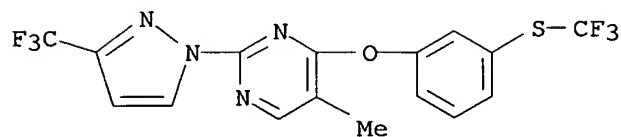
RN 213333-82-5 CAPLUS

CN 1H-Pyrazole-4-carbonitrile, 1-[5-methyl-4-[3-(trifluoromethoxy)phenoxy]-2-pyrimidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



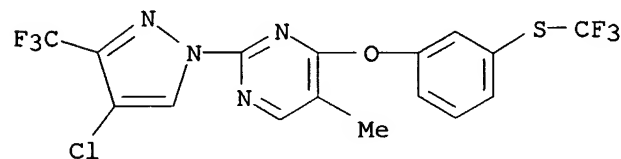
RN 213333-86-9 CAPLUS

CN Pyrimidine, 5-methyl-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]-4-[3-[(trifluoromethylthio)phenoxy]- (9CI) (CA INDEX NAME)

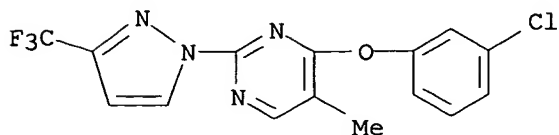


RN 213333-88-1 CAPLUS

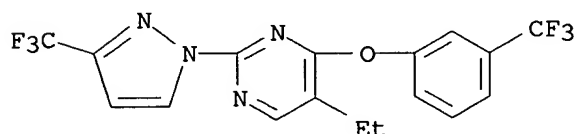
CN Pyrimidine, 2-[4-chloro-3-(trifluoromethyl)-1H-pyrazol-1-yl]-5-methyl-4-[3-[(trifluoromethylthio)phenoxy]- (9CI) (CA INDEX NAME)



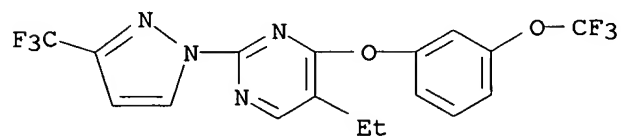
RN 213333-89-2 CAPLUS
 CN Pyrimidine, 4-(3-chlorophenoxy)-5-methyl-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



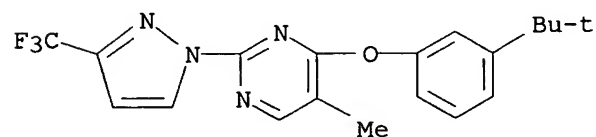
RN 213333-97-2 CAPLUS
 CN Pyrimidine, 5-ethyl-4-[3-(trifluoromethyl)phenoxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



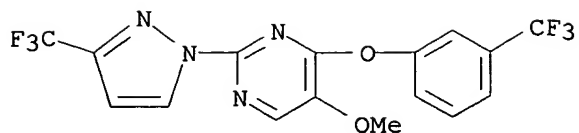
RN 213333-98-3 CAPLUS
 CN Pyrimidine, 5-ethyl-4-[3-(trifluoromethoxy)phenoxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



RN 213333-99-4 CAPLUS
 CN Pyrimidine, 4-[3-(1,1-dimethylethyl)phenoxy]-5-methyl-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

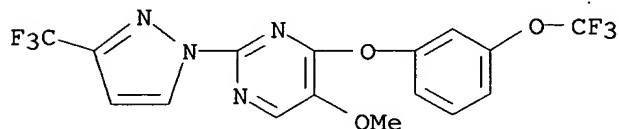


RN 213334-00-0 CAPLUS
 CN Pyrimidine, 5-methoxy-4-[3-(trifluoromethyl)phenoxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



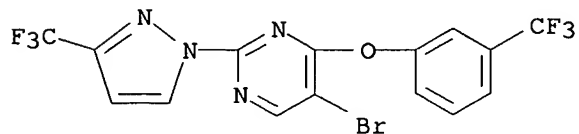
RN 213334-01-1 CAPLUS

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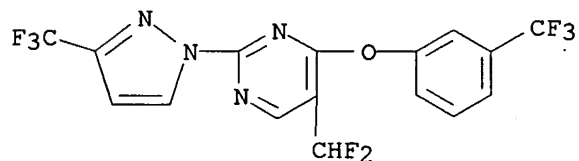
RN 213334-02-2 CAPLUS

CN Pyrimidine, 5-bromo-4-[3-(trifluoromethyl)phenoxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



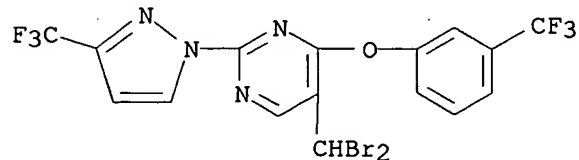
RN 213334-03-3 CAPLUS

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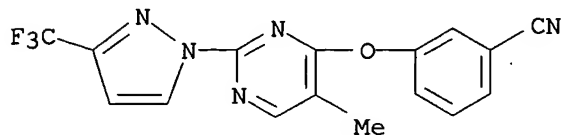
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CN Pyrimidine, 5-(dibromomethyl)-4-[3-(trifluoromethyl)phenoxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



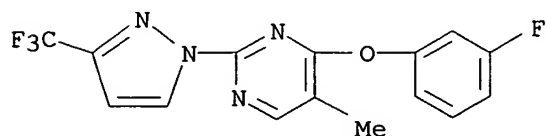
RN 213334-05-5 CAPLUS

CN Benzonitrile, 3-[[5-methyl-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]-4-pyrimidinyl]oxy]- (9CI) (CA INDEX NAME)



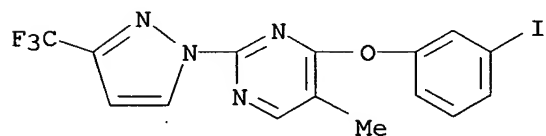
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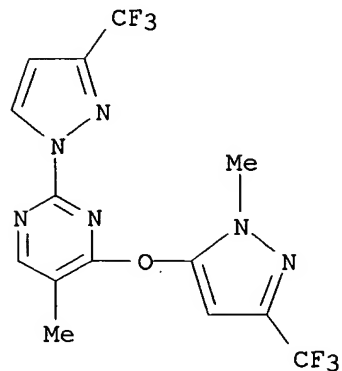
RN 213334-07-7 CAPLUS

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RN 213334-10-2 CAPLUS

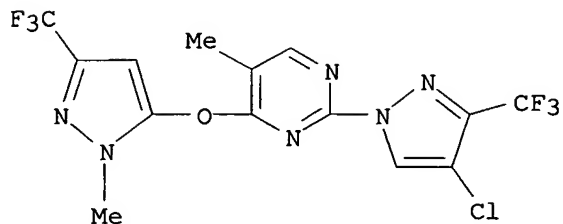
CN Pyrimidine, 5-methyl-4-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



RN 213334-12-4 CAPLUS

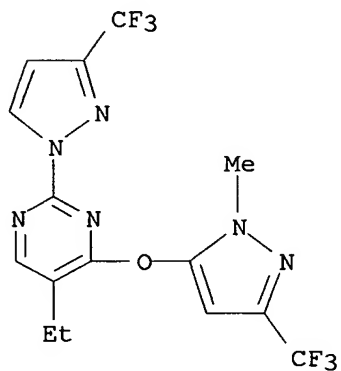
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[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)



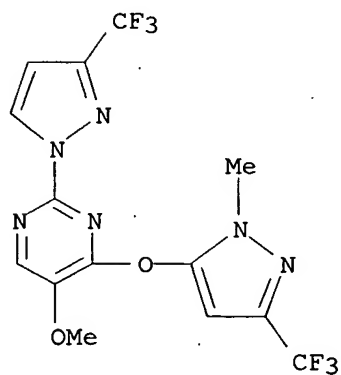
RN 213334-13-5 CAPLUS

CN Pyrimidine, 5-ethyl-4-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



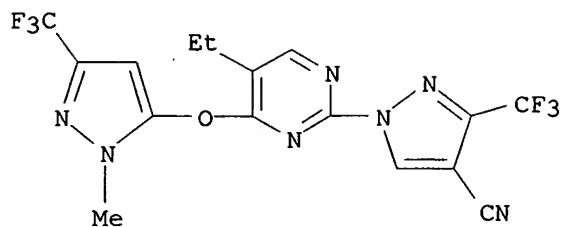
RN 213334-14-6 CAPLUS

CN Pyrimidine, 5-methoxy-4-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



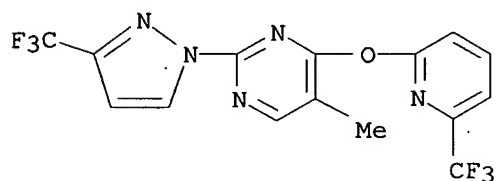
RN 213334-15-7 CAPLUS

CN 1H-Pyrazole-4-carbonitrile, 1-[5-ethyl-4-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-2-pyrimidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



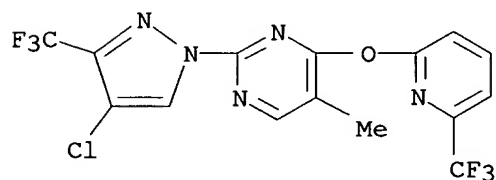
RN 213334-17-9 CAPLUS

CN Pyrimidine, 5-methyl-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]-4-[[6-(trifluoromethyl)-2-pyridinyl]oxy]- (9CI) (CA INDEX NAME)



RN 213334-18-0 CAPLUS

CN Pyrimidine, 2-[4-chloro-3-(trifluoromethyl)-1H-pyrazol-1-yl]-5-methyl-4-[[6-(trifluoromethyl)-2-pyridinyl]oxy]- (9CI) (CA INDEX NAME)

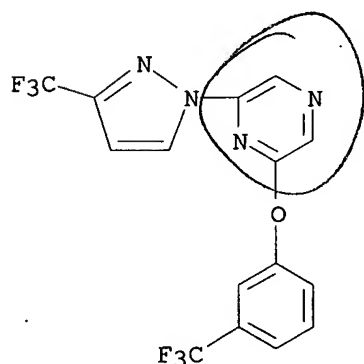


RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

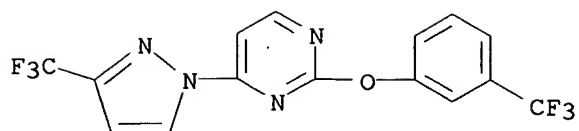
L6 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 1998:614274 CAPLUS
 DN 129:245168
 TI Preparation of oxadiazolylphenoxyethylpyrimidines as herbicides
 IN Morimoto, Katsuyuki; Onari, Masatoshi; Teraji, Hiroki; Nawamaki, Tsutomu;
 Nakadaira, Kunimitsu; Ishikawa, Kimihiro
 PA Nissan Chemical Industries, Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 80 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

Same as #7

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10251255	A2	19980922	JP 1997-61021	19970314
PRAI	JP 1997-61021		19970314		
OS	MARPAT 129:245168				
AB	Qa(CH ₂) _n QbQc [n = 0-2; Qa = (substituted) Ph, (substituted) pyrazolyl, (substituted), pyridyl; Qb = (substituted) pyridylene, pyrimidylene, pyrazolylene, etc.; Qc = (substituted) pyrazolyl, oxadiazolyl, thiadiazolyl, etc.; X = O, S, N-R62; R62 = H, C1-4 alkyl]. A PhMe solution of 1.5 g N'-[2-(3-trifluoromethylphenoxy)pyridine-3-carbonyl]pentafluoropropionohydrazide was treated with POCl ₃ under reflux for 6 h to give 0.80 g 3-(5-pentafluoroethyl-1,3,4-oxadiazol-2-yl)-2-(3-trifluoromethylphenoxy)pyridine, which showed good herbicidal activity.				
IT	213320-72-0P 213320-81-1P 213320-82-2P 213320-83-3P 213320-84-4P 213320-85-5P 213320-86-6P 213320-87-7P 213320-88-8P RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of oxadiazolylphenoxyethylpyrimidines as herbicides)				
RN	213320-72-0 CAPLUS				
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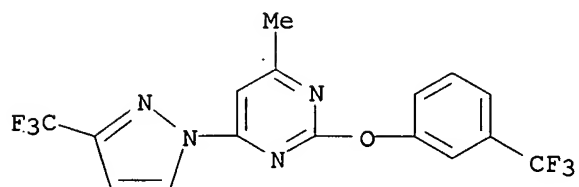


RN 213320-81-1 CAPLUS
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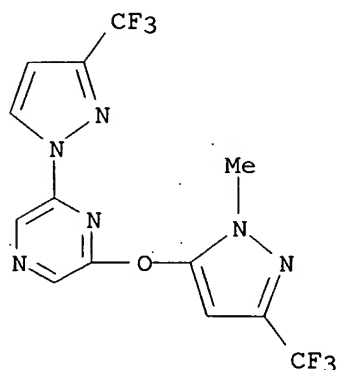
RN 213320-82-2 CAPLUS

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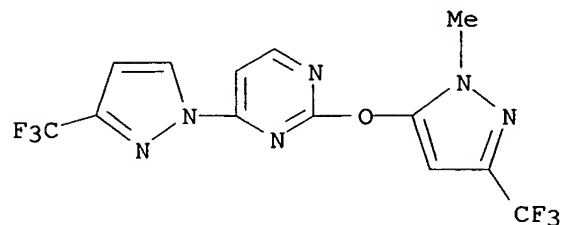
RN 213320-83-3 CAPLUS

CN Pyrazine, 2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-6-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



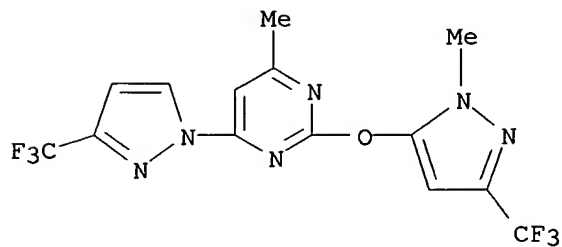
RN 213320-84-4 CAPLUS

CN Pyrimidine, 2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-4-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



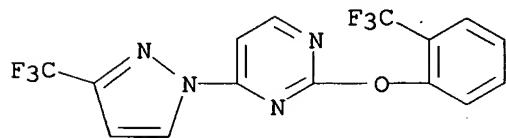
RN 213320-85-5 CAPLUS

CN Pyrimidine, 4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-6-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



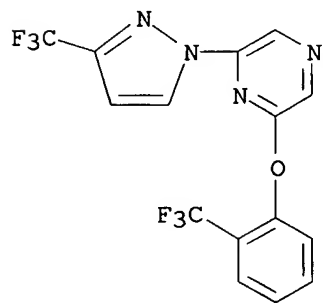
RN 213320-86-6 CAPLUS

CN Pyrimidine, 2-[2-(trifluoromethyl)phenoxy]-4-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



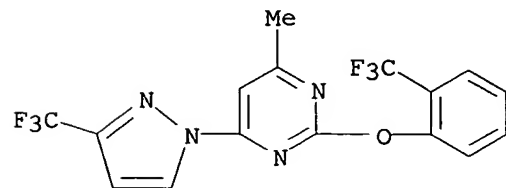
RN 213320-87-7 CAPLUS

CN Pyrazine, 2-[2-(trifluoromethyl)phenoxy]-6-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



RN 213320-88-8 CAPLUS

CN Pyrimidine, 4-methyl-2-[2-(trifluoromethyl)phenoxy]-6-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



=> => d his

(FILE 'HOME' ENTERED AT 17:33:47 ON 14 NOV 2006)

FILE 'REGISTRY' ENTERED AT 17:33:59 ON 14 NOV 2006

L1 STRUCTURE UPLOADED
 L2 2 S L1 SSS SAM
 L3 STRUCTURE UPLOADED
 L4 1 S L3 SSS SAM
 L5 125 S L3 SSS FUL

FILE 'CAPLUS' ENTERED AT 17:36:27 ON 14 NOV 2006

L6 8 S L5

FILE 'CAOLD' ENTERED AT 17:37:05 ON 14 NOV 2006

=> s 15

L7 0 L5

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.44

210.25

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

0.00

-6.00

STN INTERNATIONAL LOGOFF AT 17:37:16 ON 14 NOV 2006